

3-600 St. Louis County  
West Lake Sanitary Landfill

JOHN ASHCROFT  
Governor

FREDERICK A. BRUNNER  
Director



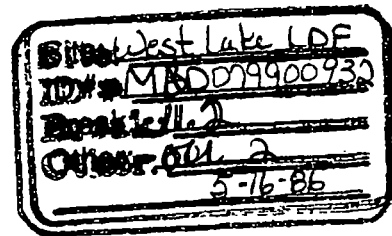
STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

St. Louis Regional Office  
8460 Watson Road, Suite 217  
St. Louis, MO 63119  
314-849-1313

Division of Energy  
Division of Environmental Quality  
Division of Geology and Land Survey  
Division of Management Services  
Division of Parks and  
Historic Preservation

May 16, 1986



Mr. William Whitaker, President  
West Lake Landfill, Inc.  
13570 St. Charles Rock Road  
Bridgeton, Missouri 63044

Dear Mr. Whitaker:

Enclosed is a report of an inspection conducted at the West Lake Sanitary Landfill on May 15, 1986. Unsatisfactory features were detected as indicated on the report.

Please provide a written response to this office within 30 days outlining the steps taken to correct these problems.

Should you have any questions concerning this report, please contact Joe Haake at the St. Louis Regional Office.

Sincerely,

ST. LOUIS REGIONAL OFFICE

*Walt Puryear*  
Walt Puryear  
Chief - Waste Management Unit

WP:mc  
Encl.

CC: Central Office - WMP  
City of Bridgeton  
St. Louis County Health Department

RECEIVED

MAY 22 1986

WASTE MANAGEMENT  
PROGRAM

40249201



SUPERFUND RECORDS

DNR 0066

3.600 St. Lot     County  
West Lake Sanitary Landfill

JOHN ASHCROFT  
Governor

FREDERICK A. BRUNNER  
Director



STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

St. Louis Regional Office  
8460 Watson Road, Suite 217  
St. Louis, MO 63119  
314-849-1313

Division of Energy  
Division of Environmental Quality  
Division of Geology and Land Survey  
Division of Management Services  
Division of Parks and  
Historic Preservation

SOLID WASTE FACILITY INSPECTION REPORT

FACILITY

West Lake Landfill, Inc.  
St. Louis County  
Sanitary Landfill  
MDNR Permit # 118912

INTRODUCTION

An inspection of the West Lake Sanitary Landfill was conducted on May 15, 1986, to assess compliance with applicable requirements pursuant to the Missouri Solid Waste Management Law. Joe Haake, Environmental Specialist, represented the Missouri Department of Natural Resources - St. Louis Regional Office. Mr. Vernon Fehr represented the facility.

UNSATISFACTORY FEATURE

Exposed waste was present on the north slope.

DISCUSSION

At the time of the inspection landfilling was being conducted at the west section of area 1 in the quarry pit. Good spreading and compaction of solid waste was being achieved, and a large stockpile of cover soil was present near the working face.

Exposed waste was again observed on the eroded upper north slope below the leachate flow equalization tank. Final covering and grading had been conducted over most of the north section of the landfill and will progress south toward the eroded area. The western slope of the north section was completed, and a good stand of vegetation was developing there. Additional cover had also been applied to the north and east slopes of the completed permitted area 118908.

The leachate collection/treatment system and the gas collection/destruction system were operational. Installation of the number 1 leachate collection well in the quarry pit was complete, and the soil embankment separating areas 1 and 2 was near completion. A new road had also been constructed on the north slope which leads into the quarry pit.

(2)

RECOMMENDATION

Complete final covering and grading of the north section, and cover exposed waste on the upper north slope.

Should you have any questions concerning this inspection report, please contact the St. Louis Regional Office..

APPROVED:



F. Donald Maddox  
Regional Administrator  
St. Louis Regional Office

PREPARED BY;



Joe Haake  
Environmental Specialist II  
St. Louis Regional Office

FDM/JH/mc

MISSOURI DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF ENVIRONMENTAL QUALITY

Annual Inspection ☐  
Inspection ☒ *record*

SANITARY LANDFILL SURVEILLANCE RECORD

Date: 5-15-86 Days/Week Open: 6  
Name of Sanitary Landfill: WEST LAKE SANITARY LANDFILL  
Permit No: 118912 County: ST. LOUIS COUNTY  
Owner: WEST LAKE LANDFILL, INC. Operator: WEST LAKE LANDFILL, INC.  
Address: 13570 ST. CHARLES ROCK RD. Address: 13570 ST. CHARLES ROCK RD.  
BRIDGETON 63042 BRIDGETON 63042

I. Special Conditions and Approved Modifications

- A. Are there any special conditions or approved modifications of the satisfactory compliance subsections of the rules and regulations? (e.g. impermeable barrier, limited excavation, exceptions to daily cover requirements)  
X Yes        No
- B. Is the sanitary landfill operation in compliance with the special conditions or approved modifications? (If "No," describe violations under "REMARKS.")  
X Yes        No

II. Check Types of Waste Accepted

	INDICATED ON PERMIT APPLICATION	REPORTED BY OPERATOR	AS OBSERVED
Municipal solid waste .....	<u>X</u>	<u>X</u>	<u>X</u>
Bulky waste .....	<u>X</u>	<u>X</u>	<u>X</u>
Dead animals .....			
Incinerator residue .....	<u>APPROVED</u>	<u>X</u>	<u>X</u>
Demolition and construction waste .....			
Brush and untreated wood waste .....			
Septic tank pumpings .....			
Wastewater treatment plant sludges .....			
OTHER SLUDGES (SPECIFY)			
LIQUIDS (SPECIFY)			
INDUSTRIAL PROCESS WASTES (SPECIFY)			
HAZARDOUS WASTES (SPECIFY)			
OTHER WASTES (SPECIFY)			

RECEIVED

MAY 22 1986

MANAGEMENT  
PROGRAM

III. Remaining Life of Landfill

- A. Estimated amount of solid waste coming through gate.  
Compacted loads ~10,000 yds/wk        tons/wk  
Noncompacted loads        yds/wk        tons/wk
- B. Estimated volume of remaining landfill covered by approved engineering plans.  
       acre feet 25 years

INSPECTION FORM  
DISTRIBUTION LIST

Owner X  
Operator         
City BRIDGETON  
County Court         
Consulting Engineer         
Solid Waste Program CO-WMP  
Regional Office File X  
Others ST. LOUIS CO HEALTH

IV. Satisfactory Compliance Subsections Regulations 80-3.010

Check all subsections: SAT — Satisfactory; UNS — Unsatisfactory. (If necessary describe "UNS" violations under "Remarks.")

SUBSECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SAT	UNS
<b>SOLID WASTE ACCEPTED</b>			
(2)(C)2	Bulky solid waste crushed on solid ground and pushed onto working face near bottom of the cell.	X	
(2)(C)3	Small dead animals covered immediately with soil or solid waste. Large dead animals placed in pit and covered with four feet compacted soil.	X	
(2)(C)4	Disposal of dewatered sludges on working face along with municipal solid waste.	X	
(2)(C)5	Incinerator and air pollution control residues prevented from becoming airborne.	X	
<b>(3) SOLID WASTE EXCLUDED</b>			
(3)(C)1	No unpermitted waste accepted.	X	
(3)(C)2	Sign posted at entrance listing excluded wastes.	X	
<b>(4) SITE SELECTION</b>			
(4)(C)1	Site accessible in all weather conditions. Temporary roads provided for delivery to working face.	X	
<b>(6) WATER QUALITY</b>			
(6)(C)1	Surface water courses and runoff properly diverted from the landfill. Sanitary landfill construction and grading to promote rapid surface water runoff without excessive erosion.	X	
(6)(C)2	Leachate collection and treatment systems utilized where necessary to protect ground and surface water resources.	X	
(6)(C)3	No ground or surface water in contact with solid waste.	X	
<b>(7) AIR QUALITY</b>			
(7)(C)	No open burning without written permission of the proper air pollution agency and the Division.	X	
<b>(8) GAS CONTROL</b>			
	Implementing decomposition gas control plan as necessary to prevent problems.	X	
<b>(9) VECTORS</b>			
(9)(C)	Vector control programs implemented when necessary to prevent or rectify vector problems.	X	
<b>(10) AESTHETICS</b>			
(10)(C)1	Litter control devices utilized near working face and elsewhere as needed. Litter collected from fences, and the ground surface, and incorporated into the daily cell at the end of each day or containerized.	X	
(10)(C)2	Wastes easily moved by wind covered as necessary to prevent their becoming airborne and scattered.	X	
(10)(C)3	On-site vegetation and natural windbreaks being utilized to improve appearance and operation of the sanitary landfill.	X	

SUBSECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SAT	UNS
<b>(10) AESTHETICS (Continued)</b>			
(10)(C)4	Salvaged materials removed daily or stored in aesthetically acceptable containers or enclosures.	X	
<b>(11) COVER MATERIAL</b>			
(11)(C)1	Daily cover applied regardless of weather in not less than a six inch layer. Cover material available in all weather conditions.	X	
(11)(C)2	Intermediate cover applied to all areas idle for more than 60 days in a layer not less than one foot after compaction.		X
(11)(C)3	Final cover applied on each area as completed in a layer not less than two feet after compaction.	X	
<b>(12) COMPACTION</b>			
(12)(C)1	Adequate equipment on-site, operated daily.	X	
(12)(C)1A	Solid waste spread in layers not to exceed two feet and confined to smallest practical area.	X	
(12)(C)1B	Wastes compacted to smallest practical volume.	X	
(12)(C)1C	Cover material compacted as much as practical.	X	
(12)(C)2	Preventive maintenance performed.	X	
(12)(C)3	Daily task operating manual provided.	X	
<b>(13) SAFETY</b>			
(13)(C)1	Fire extinguishers provided on oil equipment.	X	
(13)(C)2	Provisions for extinguishing fires in waste, equipment, and structures.	X	
(13)(C)3	Communication equipment available.	X	
(13)(C)4	Scavenging prohibited.	X	
(13)(C)5	Controlled access to site by established roadways and limited to hours when operating personnel are on duty.	X	
(13)(C)6	Traffic controlled and directed to designated disposing points.	X	
(13)(C)7	Site dust controlled for safety purposes and to prevent nuisances.	X	
<b>(14) RECORDS</b>			
(14)(C)1A	Records of major problems and complaints.	X	
(14)(C)1B	Monitoring record maintained. a. leachate sampling and analyses, b. gas sampling and analyses, c. ground and surface water analyses.	X	
(14)(C)1C	Records of vector control efforts.	X	
(14)(C)1D	Records of dust and litter control efforts.	X	
(14)(C)1E	Records of quantity of waste handled.	X	
(14)(C)1F	Records of description, sources, and volume of special wastes listed in Subsection (3)(A).	X	

V. Operation Proceeding in Accordance with Approved Engineering Plans? (If "NO," describe violations under "Remarks.")

X Yes        No

REMARKS EXPOSED WASTE AT ERODED SECTION OF NORTH SLOPE.

(Attach additional sheets as necessary.)

BY

Joe Hoake

SIGNATURE OF INVESTIGATOR